

We claim:

1. A method for printing an electroluminescent lamp comprising the steps of:
  - a. providing a front electrode having a length L4 and width W4;
  - 5 b. printing a phosphor layer having a length L3 shorter than L4 and width W3 shorter than W4 on the front electrode;
  - c. curing the front electrode and phosphor layer;
  - d. printing a dielectric layer having a length L2 the same as or shorter than L3 and width W2 the same as or shorter than W3 on the phosphor layer;
  - 10 e. curing the dielectric layer;
  - f. printing a rear electrode having length L1 shorter than L2 and width W1 shorter than W2 on the dielectric layer; and
  - g. curing the rear electrode.
- 15 2. The method of claim 1, wherein the phosphor layer, dielectric layer and rear electrode are screen-printed.
3. The method of claim 1, comprising the further step of printing an encapsulating dielectric layer on the rear electrode.
4. The method of claim 1, wherein the phosphor layer is printed on the front electrode.
- 20 5. The method of claim 1, wherein the front electrode comprises a clear inherently conductive polymer that is printed over a polyester substrate.
6. The method of claim 1, wherein the front electrode comprises indium tin oxide that is sputter coated on a polyester substrate.
- 25 7. The method of claim 1, wherein the dielectric layer comprises one or more diluting monofunctional, difunctional or trifunctional

monomer, one or more acrylated resin, one or more solvents,  
one or more photoinitiators, one or more flow aids and one or  
more pigments.

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8. The method of claim 1, wherein the front electrode comprises  
one or more solvents, one or more resins and a silver or carbon  
pigment.

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9. The method of claim 3, wherein the encapsulating dielectric layer  
comprises a monofunctional, difunctional or trifunctional  
monomer, an acrylated resin, one or more photoinitiators and  
one or more flow aids.

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10. An electroluminescent lamp printed via the process of claim 1.

11. An electroluminescent lamp having a front electrode having a  
length L4 and width W4; a phosphor layer having a length L3  
shorter than L4 and width W3 shorter than W4; a dielectric layer  
having a length L2 the same as or shorter than L3 and width W2  
the same as or shorter than W3; and a rear electrode having  
length L1 shorter than L2 and width W1 shorter than W2 on the  
dielectric layer.

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12. The electroluminescent lamp of claim 11 further comprising an  
encapsulating dielectric layer.

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